Biochemistry test report



Patient:	CUDDLES	Species:	Feline	Patient ID:	2506173
Client:	PABALOLOT	Gender:	Female	Sample No.:	03
Doctor:		Age:	1Y	Time of analysis:	2026/09/01 15:16

	Item		Current result		Ref. Ranges
Protein	**TP**		**62.7**	g/L	56.5-88.5
Protein	**ALB**		**26.7**	g/L	22.0-40.0
Protein	**GLOB**		**36.0**	g/L	28.2-55.8
Protein	**A/G**		**0.7**		
Liver and gallbladder	**ALT**	↑	**510.6**	U/L	12.0-149.2
Liver and gallbladder	**AST**	↑	**156.7**	U/L	0.0-60.0
Liver and gallbladder	**AST/ALT**		**0.31**		
Liver and gallbladder	**ALP**		**33.7**	U/L	8.7-110.9
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2
Liver and gallbladder	**TBIL**		**<1.70**	μmol/L	0.00-15.00
Liver and gallbladder	**TBA**		**5.8**	μmol/L	0.0-20.0
Pancreas	**AMY**		**884.4**	U/L	555.6-1940.0
Pancreas	**LIPA-D**		**13.4**	U/L	0.0-20.0
Kidneys	**BUN**		**12.15**	mmol/L	4.55-13.00
Kidneys	**CREA**		**52.20**	μmol/L	28.00-180.00
Kidneys	**BUN/CREA**		**57.6**		
Cardiovasc./Muscle	**CK**		**109.8**	U/L	40.0-530.9
Cardiovasc./Muscle	**LDH**		**207.9**	U/L	0.0-334.2
Energy metabolism	**GLU**		**4.34**	mmol/L	3.39-8.39
Energy metabolism	**TC**		**4.72**	mmol/L	1.87-5.84
Energy metabolism	**TG**	↑	**2.78**	mmol/L	0.10-1.30
Minerals	**Ca**	↓	**1.77**	mmol/L	1.95-2.79
Minerals	**PHOS**	↓	**0.72**	mmol/L	0.80-2.72
Minerals	**CaxP**		**1.28**	$(mmol/L)^2$	
Minerals	**Mg**		**1.03**	mmol/L	0.66-1.22
Electrolytes	**Na+**	↓	**135.5**	mmol/L	141.0-166.0
Electrolytes	**K+**		**4.1**	mmol/L	3.5-5.9
Electrolytes	**Na/K**		**33.3**		
Electrolytes	**Cl-**	↓	**98.2**	mmol/L	102.4-129.0

LIPA-D: 0.0-20.0 U/L Negative 20.0-30.0 U/L Suspected >30.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel **QC QC OK**

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0

Report Explan.

ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-09-01 15:44:05

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Doctor:		Age:	1Y	Time of analysis:	2026/09/01 15:16

Report Explan.

AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, etc.
Ca	↓	Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, etc.
PHOS	↓	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, etc.
Na+	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, etc.
Cl-	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, etc.

Note: Due to the complexity and individuality of disease diagnosis, the report interpretation is only for your reference. Please consult your doctors for clinical diagnosis results.

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